

Abstract

Title: The Comparison of Transfemoral socket Types

Goals: The aim of this work is to describe the functional principals and biomechanic characteristics of transfemoral sockets and to create a complex educational text based on information from Czech and all-over-world technical bibliography.

Methods: To write this work, quality research was used by means of collection and secondary analysis of data from technical documents, articles and magazines. To verify the information, the method of informal interview with an expert was used.

Results: The results provide sufficient information to use this work as an educational document.

Key words: amputation, transfemoral aputation, above-knee amputation, prosthetic socket, Ischial containment socket, Quadrilateral socket, M.A.S. socket, anatomical socket